

1. A bone boring device, comprising:
at least one needle adapted for boring into bone;
a force providing element, remote from said needle, for advancing said needle; and
a force amplifier, coupled to said needle and adjacent to said needle which amplifies
force provided from said force providing element and supplies it to said needle.
2. A device according to claim 1, wherein said at least one needle comprises two
needles.
3. A device according to claim 1, wherein said needle is mounted on a hinge and
wherein said needle is rotated around said hinge by force provided by said force amplifier.
4. A device according to claim 1, wherein said force amplifier comprises a lever.
5. A method of attaching a suture to a bone, comprising:
advancing two needles into said bone to meet inside said bone;
advancing a thread along a common bore defined by said needles after said needles
meet; and
retracting said needles.
6. A method of attaching a suture to a bone comprising:
advancing two needles into said bone to meet inside said bone;
engaging, by one of said needles the other of said needles, which other needle has a
thread attached to a portion thereof; and
retracting said one needle, such that at least said portion is carried along by said one
needle with said attached thread.
7. A method according to claim 6, wherein said portion comprises a tip of said needle.
8. A method according to claim 6, wherein said portion comprises a detachable tip of
said needle, which tip includes a thin extension substantially longer than said needle,
wherein said thread is attached to a portion of said extension distal from said detachable tip.

9. A method according to claim 6, wherein said portion comprises an entire extent of said needle which enters said bone.
10. A bone-boring device, comprising:
at least one curved needle adapted for extending to bore a hole in a bone;
a base holding said needle and adapted for being placed against a bone;
a handle coupled to the base; and
a needle retractor, which retracts said needle when a force on said handle in a particular direction is lower than a predetermined amount, prior to said base retreating from said bone in response to a lowering of the force.
11. A bone-boring device, comprising:
at least one curved needle adapted for extending to bore a hole in a bone;
a base holding said needle and adapted for being placed against a bone
a handle coupled to the base; and
a needle advancer, which advances said needle only when a force on said handle in a particular direction is higher than a predetermined amount, said predetermined force assuring that said base is urged against said bone.
12. A detachable tip for a needle, comprising:
a tip having a sharp end and adapted for insertion through a bone; and
a flexible extension of said tip, opposite of said sharp end and substantially longer than said sharp tip, attached to a thread.
13. A tip according to claim 12, wherein said tip is adapted for being grasped by a hollow needle, at a side thereof of the extension.
14. A tip according to claim 12, wherein said sharp end is adapted for being grasped by a hollow needle, at a side opposite of the extension.
15. A self-aligning device for boring into bone, comprising:
a boring head having at least two boring tips;

a body;
a handle attached to said body;
a hinge coupling said head to said body at a location substantially equidistant from said boring tips.

16. A device according to claim 15, wherein said boring tips comprise drill bits.
17. A device according to claim 15, wherein said boring tips comprise boring needles.
18. A device according to claim 15, wherein said head includes a power source for activating said boring tips.
19. A device according to claim 15, wherein said boring tips face said handle.
20. A method for forming a channel in a bone, comprising:
drilling two holes in a cortex of the bone; and
advancing at least one needle through said drilled holes through a medulla of said bone.
21. A method according to claim 20, wherein said holes are perpendicular to a surface of said bone.
22. A method according to claim 20, wherein said at least one needle comprises two needles that meet inside the bone.
23. Apparatus for forming a channel in a bone, comprising:
at least one drill bit for drilling into a bone and detecting a channel formed therethrough and an aperture from the outside of said bit to said channel; and
at least one needle adapted to fit through said aperture.
24. Apparatus according to claim 23, wherein said at least one drill bit comprises two drill bits.
25. Apparatus according to claim 24, wherein said drill bits are parallel.

26. Apparatus according to claim 23, wherein said at least one needle comprises at least two needles.

27. Apparatus according to claim 23, wherein said at least one needle comprises a curved needle.

28. Apparatus according to claim 23, wherein said aperture is on a side of said drill bit.